

Listing of Claims:

Claim 1 (amended)

An isolated peptide of 16 to 30 amino acids selected ~~for~~ from a ~~consecutive~~ sequence from the peptide of the amino acid sequence:

VEKNITVTASVDPTIDLLQADGSALPSAVALTYSPA (Seq. #1 SEQ ID No. 1) said sequence containing the sequence PSAVALTYSP (Seq. # 36 SEQ ID No. 36).

Claim 2 (amended)

A composition comprising ~~at least one~~ the isolated peptide of claim 1 in a pharmaceutically acceptable carrier.

Claims 3-4 (withdrawn)

Claim 5 (previously amended)

The composition of claim 2 wherein the isolated peptide is bound to bovine serum albumin.

Claim 6(original)

The composition of claim 2 wherein the composition contains an adjuvant.

Claim 7 (previously amended)

The composition of claim 6 wherein the adjuvant is Freund's adjuvant.

Claims 8 and 9 (withdrawn)

Amendments to specification:

7

Titer	1:50	1:500	1:5000	1:50000
CS1	4	4	4	4
CS2	4	4	4	
CS4	4	4	3	2
CS17	4	3	2	0.5
0166	4	1	3	
CFA/1	4	3	2	

Example 2:

An immunogenic composition is prepared containing 2800
5 µg/ml of a conjugate of a peptide of the formula:

VEKNITVTASVDPTIDLLQADGSALPSAVALTYSPA (Seq. ID No. 1) bound
to BSA through a cysteine in complete Freund's reagent.

Example 3:

A immunogenic composition is prepared containing 4000
10 µg/ml of a peptide of the formula:

VEKNITVTASVDPTIDLLQADGSALPSAVALTYSPA (Seq. ID No. 1)
in complete Freund's adjuvant.

Example 4:

Rabbits were given a composition containing 400 µg peptide
15 of the formula: VEKNITVTASVDPTIDLLQADGSALPSAVALTYSPA (Seq. ID
No. 1) in complete Freund's adjuvant. The response was
evaluated as in Example 2: